

[TEMPORARY SELF LOCKING DRILL BIT]

Abstract

A fastening system comprised of a drill bit containing a slightly tapered spiral orion twist configuration at its driving end, and a matching fastener screw whose head contains a matching spiral orion twist recess. The drill bit is inserted within the center of the recess and is rotated $22\frac{1}{2}^\circ$ clockwise so that the side edges of the drill bit's orion twist driving end meet and lock with the side walls of the matching spiral orion twist recess. The union between the drill bit and recess walls of the screw fastener allows for momentary locking, yet still allows for proportional transfer of torque thus reducing stress on a user, drill bit, screw fastener, as well as provide for easy disengagement of the drill bit and screw.